

APPENDIX F -
NOISE ANALYSIS CALCULATION DATA

Roadway and Highway Traffic Noise Levels



Project Name: Camino Ruiz Apartment Community

Background Information

Model Description: Caltrans Technical Noise Supplement (November 2009) methodologies.
 Analysis Scenarios: Existing and Future Traffic Volumes.
 Source of Traffic Volumes: Stantec, December 7, 2018.

Existing + Project Peak Traffic Volumes

Analysis Location	Land Use	Existing AM Peak Traffic Volume	Existing + Project AM Peak	AM Peak Hour Increase dBA L _{eq}	Existing PM Peak Traffic Volume	Existing + Project PM Peak	PM Peak Hour Increase dBA L _{eq}
Camino Ruiz south of Verdugo Way	Multi-Family	221	301	1.3	216	291	1.3
Verdugo Way west of Camino Ruiz	Multi-Family	597	760	1.0	631	780	0.9
Adolfo Road west of Camino Ruiz	Multi-Family	601	620	0.1	654	671	0.1
Adolfo Road west of Santa Rosa Road	Single Family	1,504	1,539	0.1	1,597	1,625	0.1
Santa Rosa Road north of Adolfo Road	Single Family	2,430	2,439	0.0	2,392	2,401	0.0
Pleasant Valley Rd. s/of U.S. 101 SB Ramps	Single Family	2,035	2,054	0.0	2,128	2,144	0.0

Existing + Cumulative Projects Peak Traffic Volumes

Analysis Location	Land Use	Existing AM Peak Traffic Volume	Future + Project AM Peak	AM Peak Hour Increase dBA L _{eq}	Existing PM Peak Traffic Volume	Future + Project PM Peak	PM Peak Hour Increase dBA L _{eq}
Camino Ruiz south of Verdugo Way	Multi-Family	221	311	1.5	216	291	1.3
Verdugo Way west of Camino Ruiz	Multi-Family	597	996	2.2	631	997	2.0
Adolfo Road west of Camino Ruiz	Multi-Family	601	675	0.5	654	727	0.5
Adolfo Road west of Santa Rosa Road	Single Family	1,504	1,603	0.3	1,597	1,683	0.2

Note: The project Traffic and Circulation Study includes the traffic generated by the Teso Robles townhomes project in its estimate of future traffic volumes. However, the Teso Robles project is nearly complete and is generating much of its traffic at the present time. For the purpose of the noise analysis for the proposed project, the roadway traffic volumes generated by the Teso Robles project on Camino Ruiz and Verdugo Way have been obtained from its Traffic Impact Analysis (Orosz Engineering Group, Inc., June 2014) and added to the existing peak hour volumes in these calculation. This provides a representative analysis of the anticipated change in noise levels from the present time.